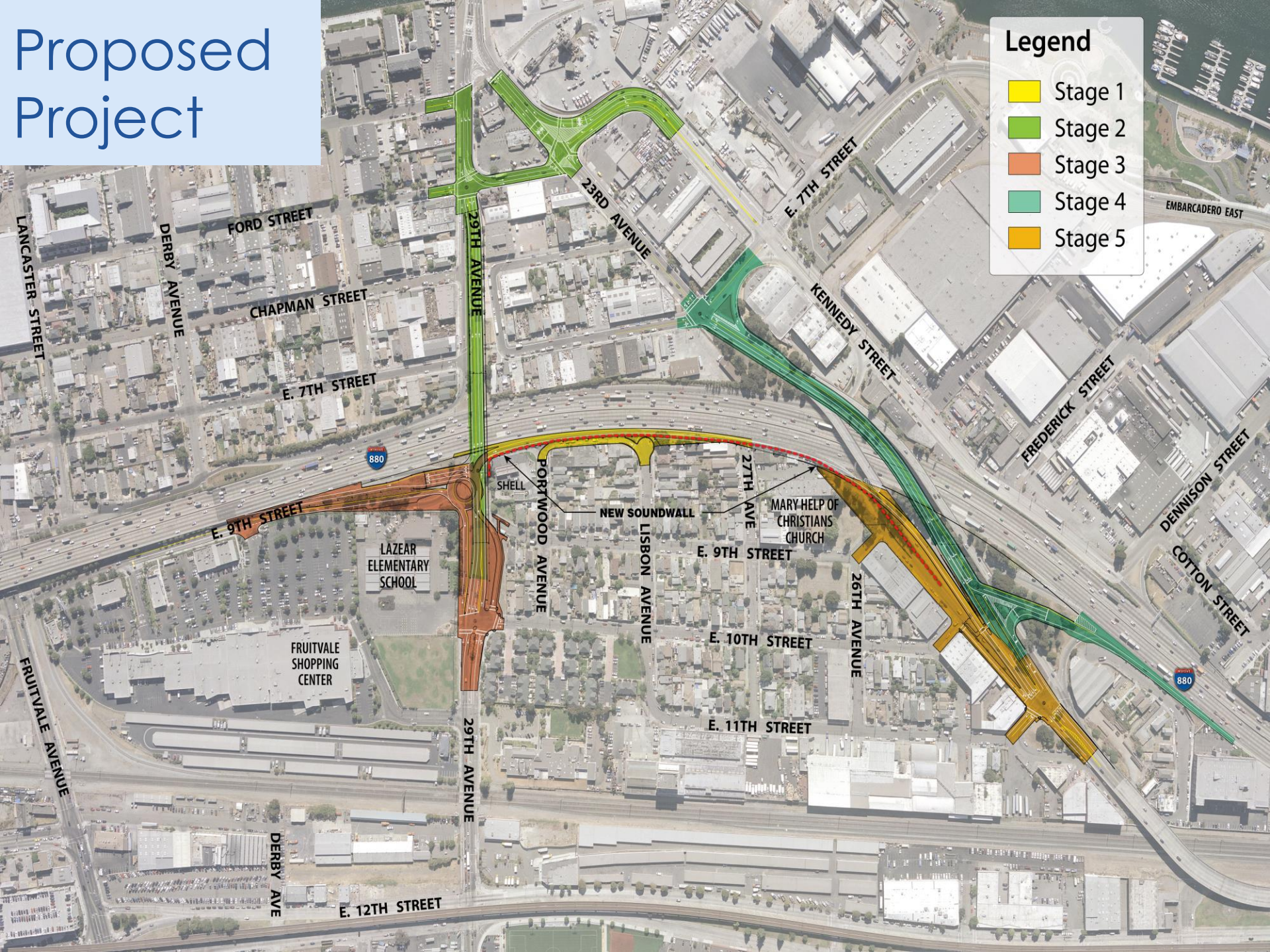


I-880 Operational and Safety Improvements at 29th Avenue and 23rd Avenue Overcrossings



Proposed Project

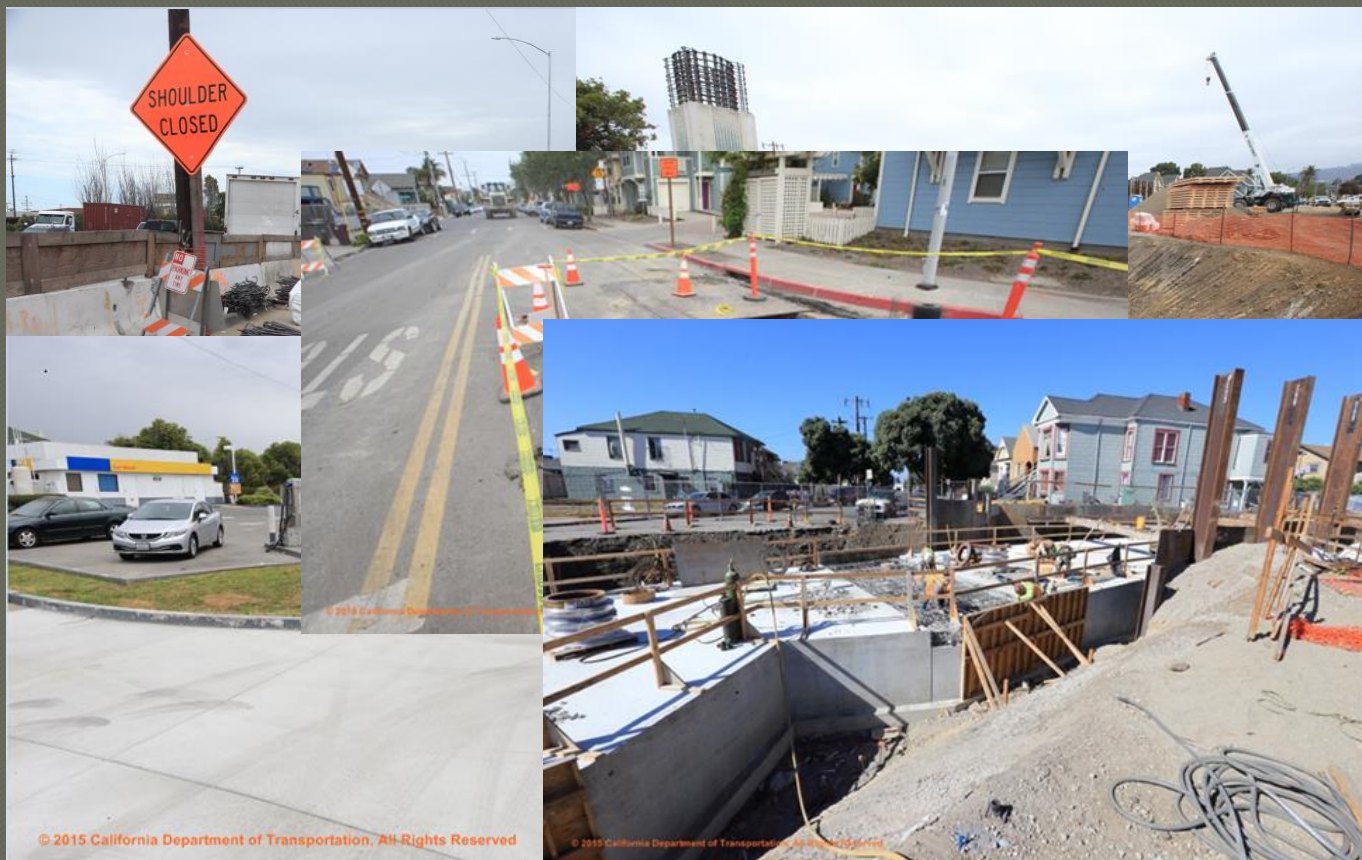


Stage 1 (Completed 2015)

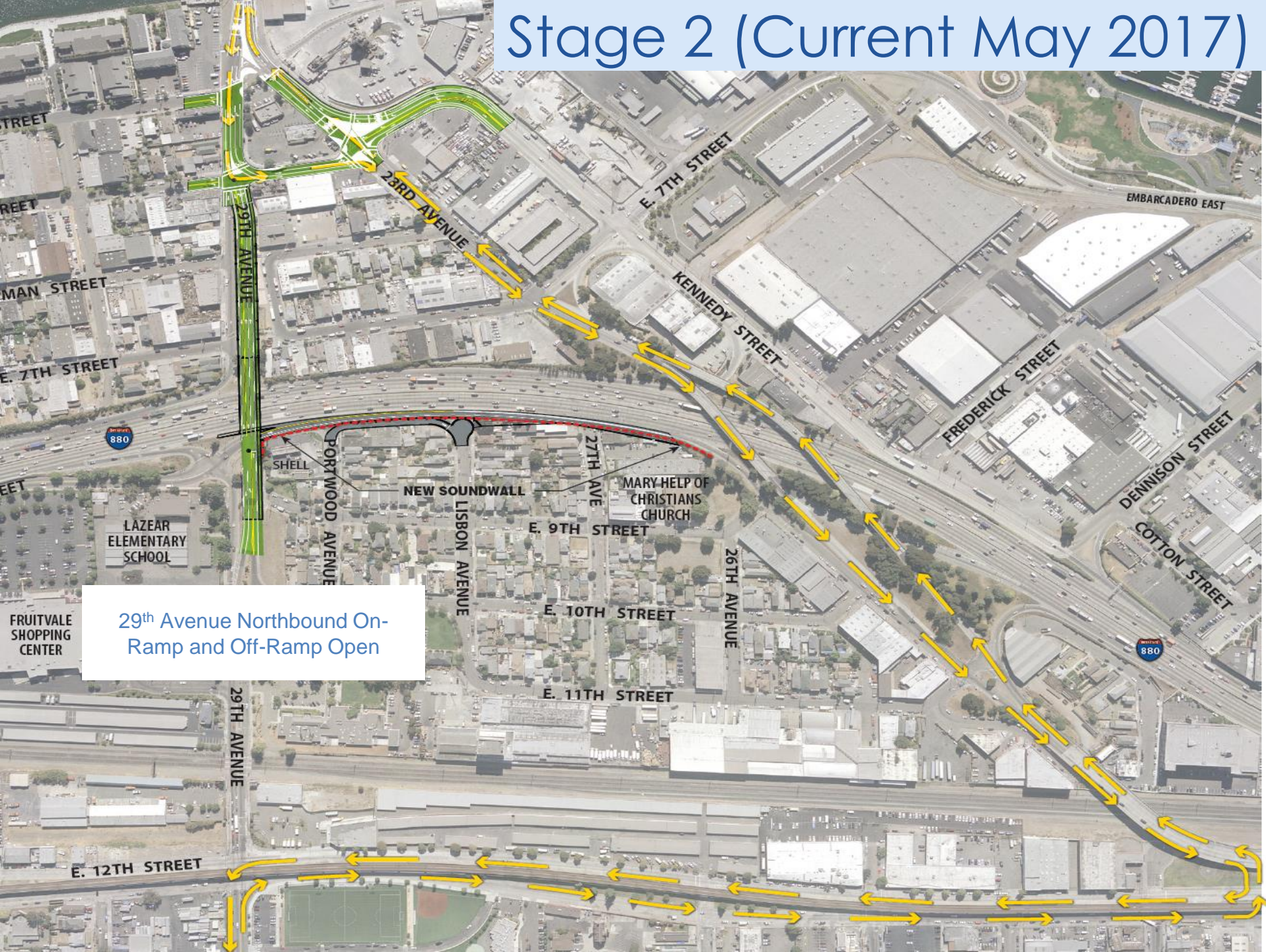


23RD & 29TH AVENUE OC OPERATION AND SAFETY IMPROVEMENTS

Stage 1 Work Progress



Stage 2 (Current May 2017)



23RD & 29TH AVENUE OC OPERATION AND SAFETY IMPROVEMENTS

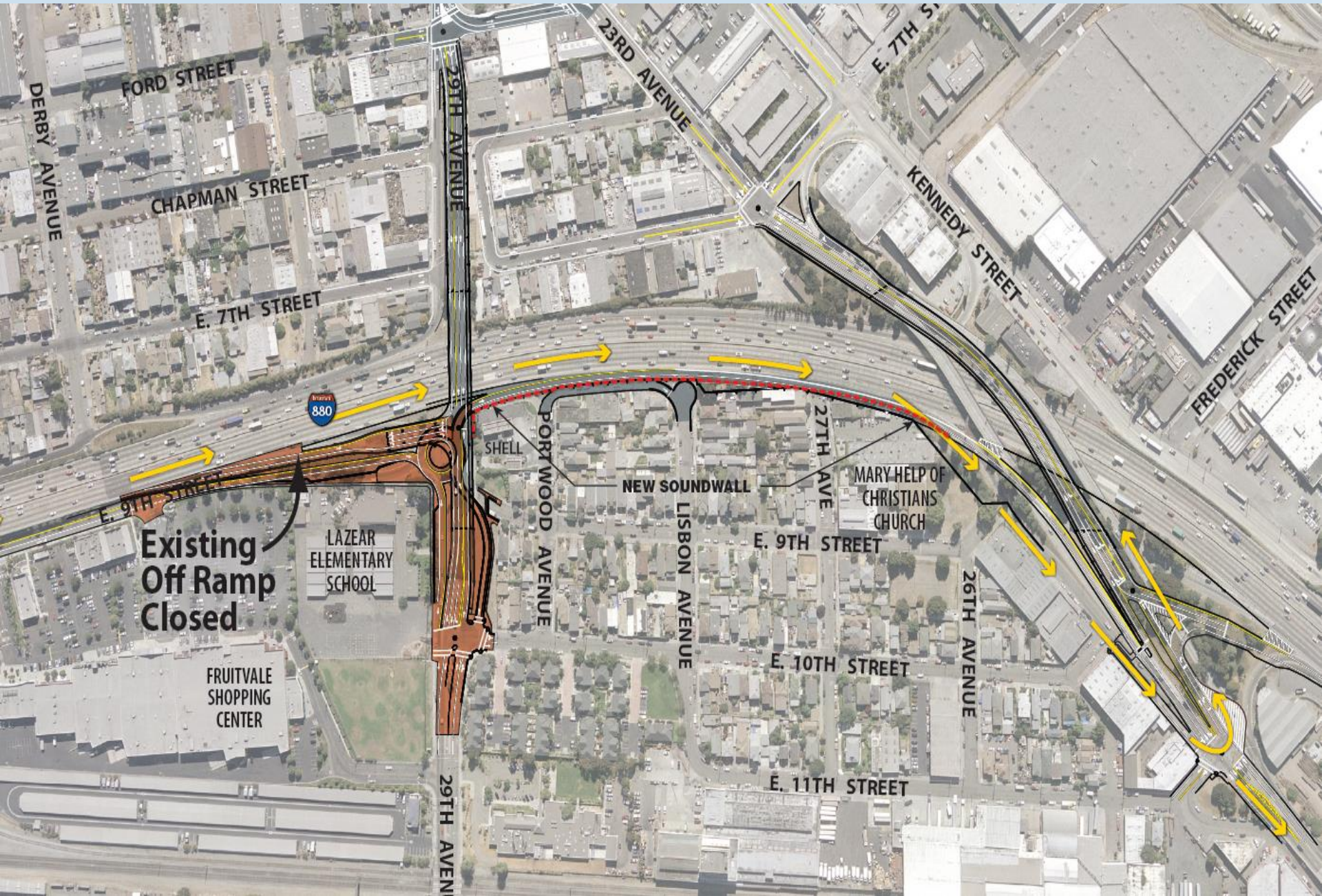
Stage 2 Work Progress



23RD & 29TH AVENUE OC OPERATION AND SAFETY IMPROVEMENTS



Stage 3 (Per Plan April 2018 Target Completion)



Stage 4 (Per Plan April 2019 Target Completion)

This aerial map illustrates the Stage 4 project area, with proposed green-paved streets and yellow traffic flow arrows. The project area is bounded by 29th Avenue to the west and E. 11th Street to the south. Key streets shown include 27th Avenue, 26th Avenue, E. 9th Street, E. 10th Street, E. 11th Street, Lisbon Avenue, Portwood Avenue, Kennedy Street, Frederick Street, Dennison Street, and Cotton Street. Landmarks such as the Mary Help of Christians Church and a Shell gas station are marked. A red dashed line indicates a boundary or route. A blue and red '880' highway shield is visible on the right.



Stage 5 (Per Plan July 2019 Target Completion)

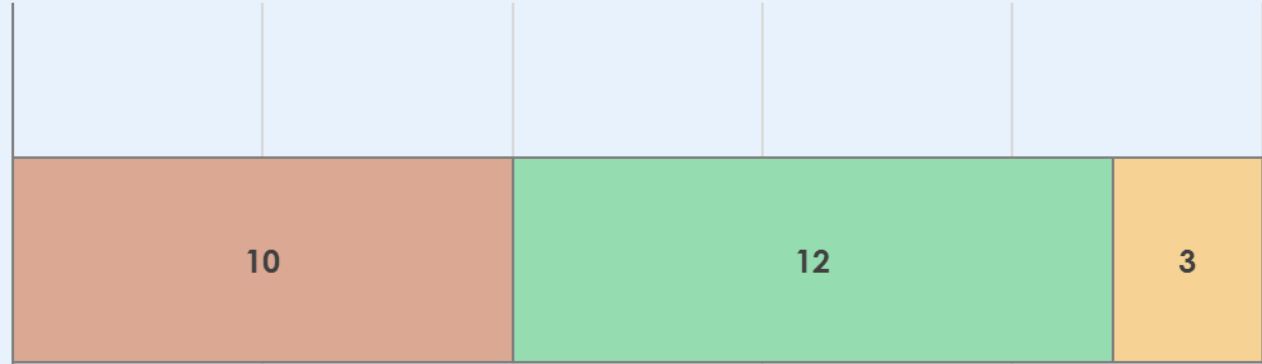


23rd Avenue Northbound
Off-Ramp Closed 3
Weeks

Project Schedule

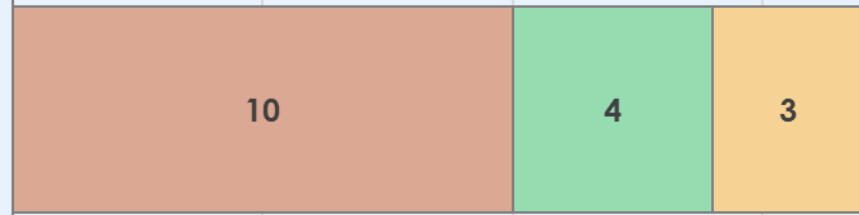
Schedule Alternatives

Per Plan



July
2019

Proposed



November
2018

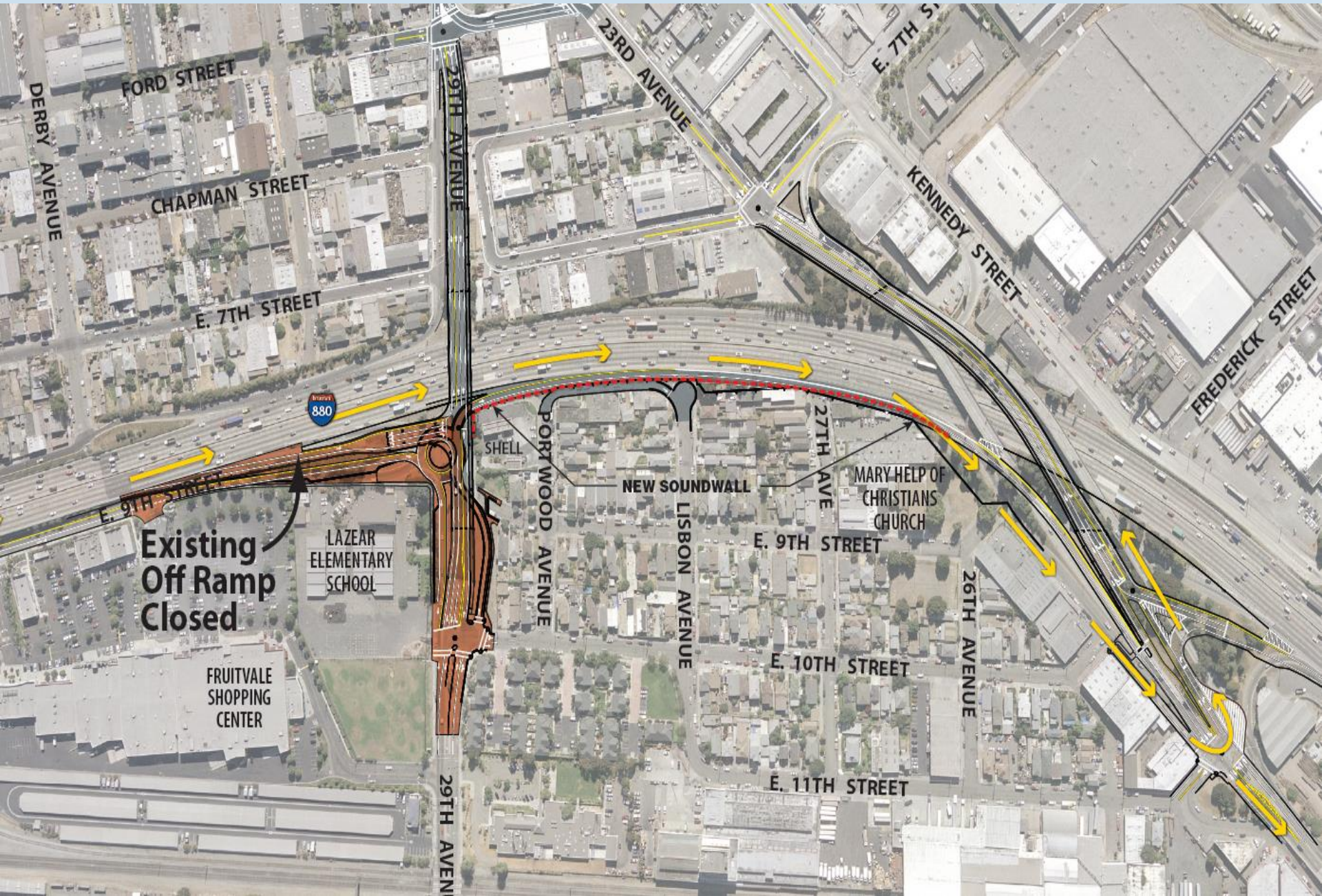
Dates subject to change

0 5 10 15 20 25 30

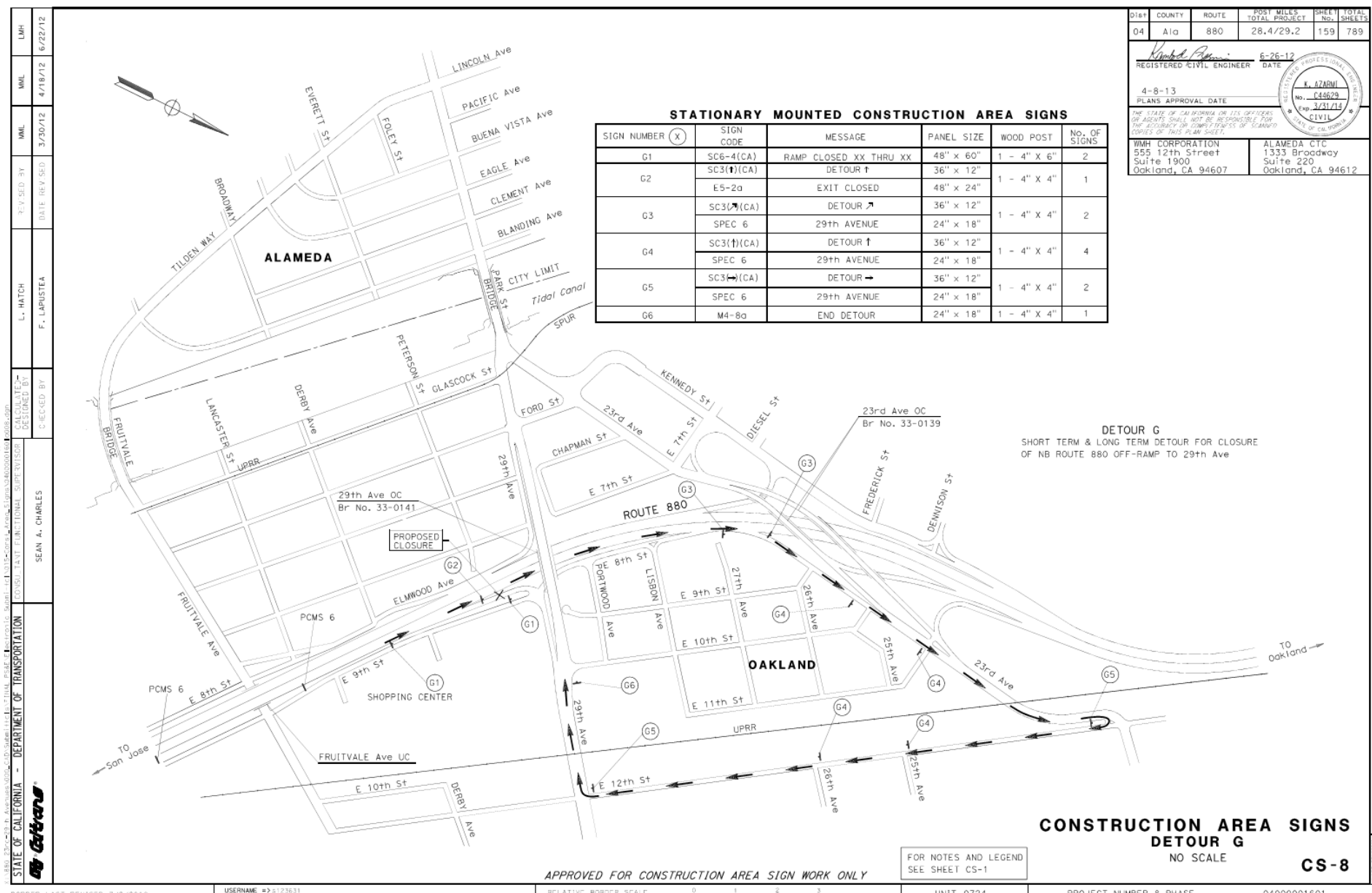
Number of Months

■ Stage 3 ■ Stage 4 ■ Stage 5

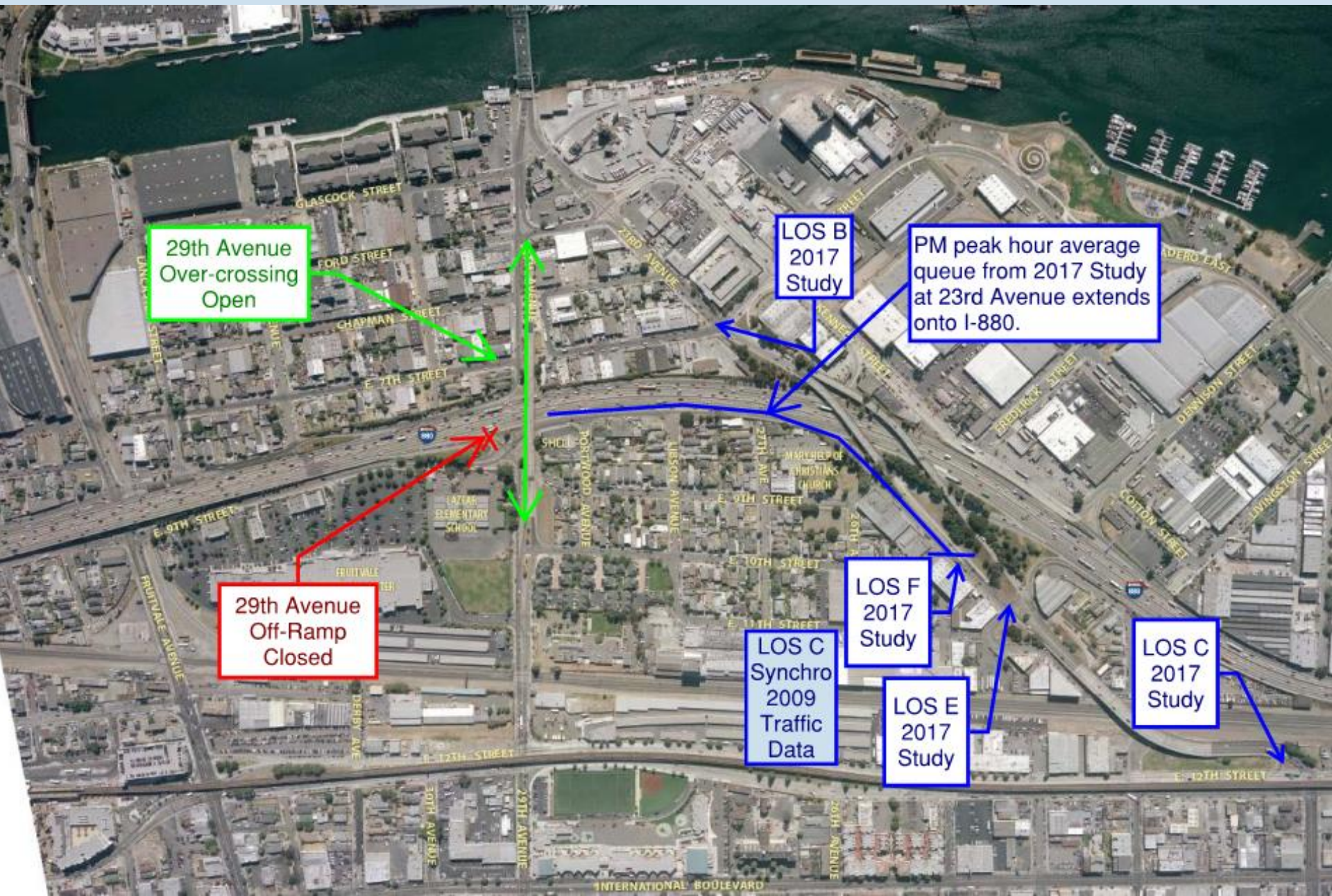
Stage 3 (Per Plan April 2018 Target Completion)



Stage 3 (Detour Per Plan)



Stage 3 (Per Plan 2017 Study Results)





 Existing Lane Configuration
  Proposed Lane Configuration
  Proposed K-Rail



23rd
Avenue
2017
Existing
Conditions

23rd
Avenue
2017
Mitigated
Plan

23rd Avenue at E. 11th St.

2017 Existing Conditions



23rd
Avenue at
E. 11th St.

2017
Mitigation
Conditions



 Existing Lane Configuration  Proposed Lane Configuration  Proposed K-Rail

22nd Avenue 2017 Existing Conditions



Existing Lane Configuration



Proposed Lane Configuration

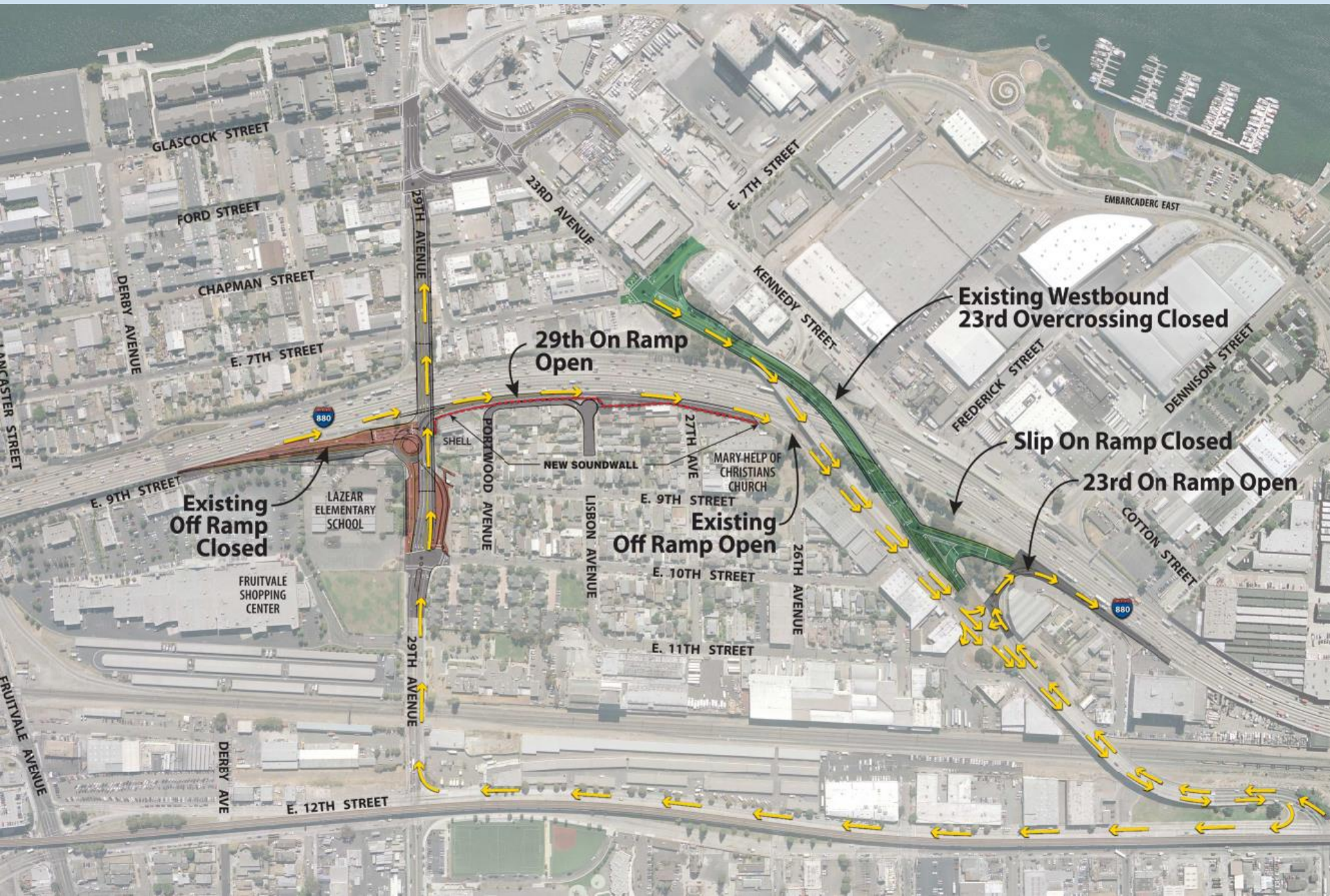
22nd Avenue 2017 Mitigated Plan



Stage 4 (Per Plan)



Combined Stage 3 and 4 (Detour Plan)



29th Avenue Over-crossing Open

29th Avenue Off-Ramp Closed

LOS B 2017 Mitigated

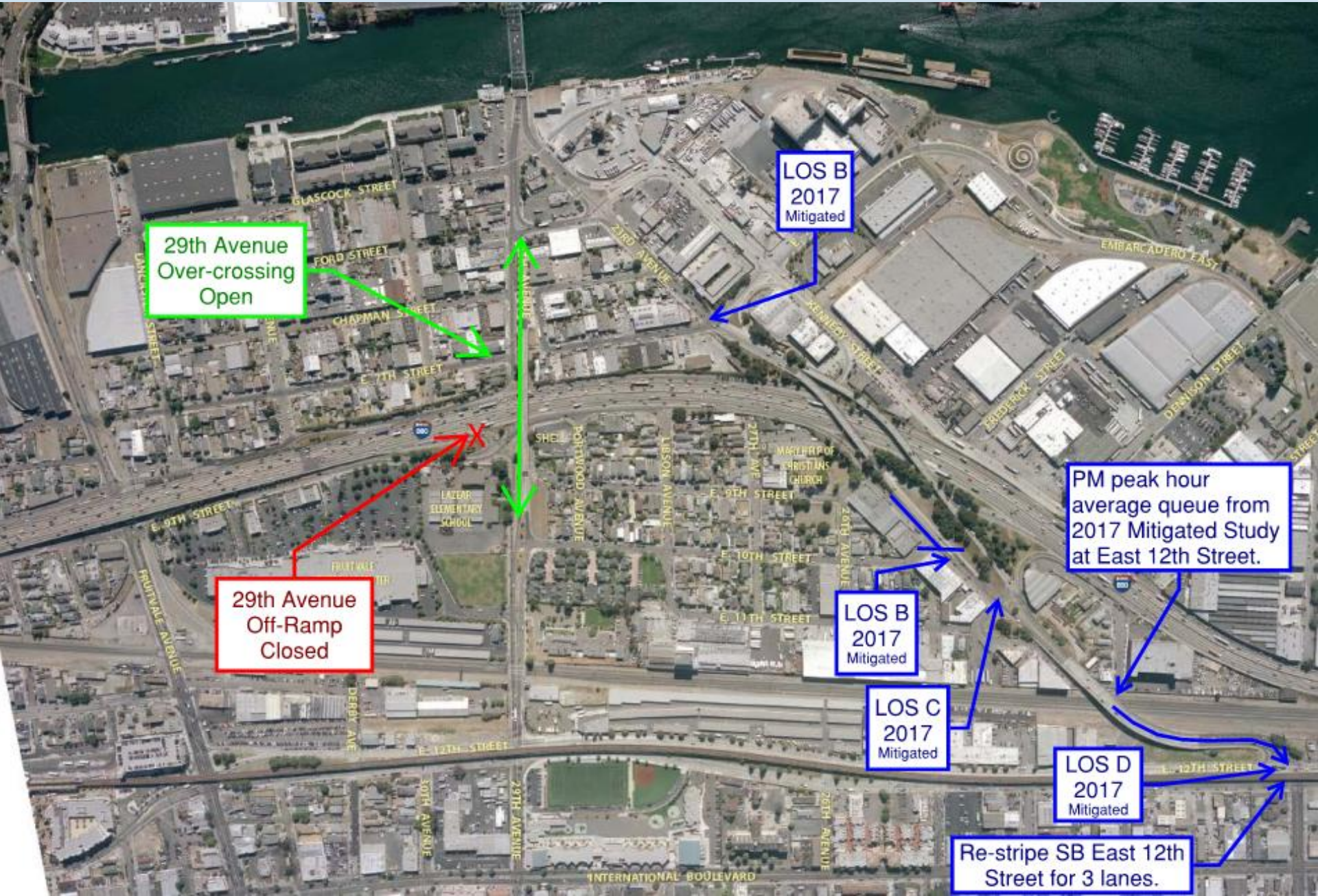
LOS B 2017 Mitigated

LOS C 2017 Mitigated

LOS D 2017 Mitigated

PM peak hour average queue from 2017 Mitigated Study at East 12th Street.

Re-stripe SB East 12th Street for 3 lanes.



Project Schedule

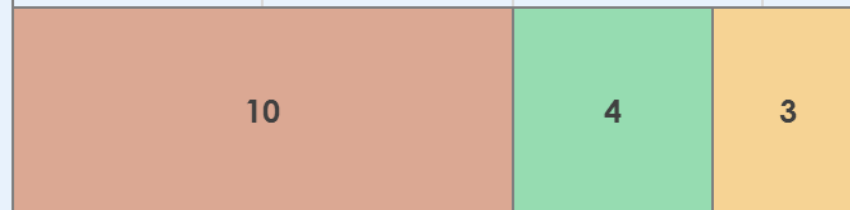
Schedule Alternatives

Per Plan



July
2019

Proposed



November
2018

Dates subject to change

0 5 10 15 20 25 30

Number of Months

■ Stage 3 ■ Stage 4 ■ Stage 5

I-880 Operational and Safety Improvements at 29th Avenue and 23rd Avenue Overcrossings

